SEQUENCE LISTING

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<120> Compositions and Methods of Use of Targeting Peptides for Diagnosis and Therapy of Human Cancer

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<160> 132

<170> PatentIn version 3.1

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35 40 45

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50 55 60

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85 90 95

Arg Leu Ile Gly Arg Thr Trp Asn Asp Pro Ser Val Gln Gln Asp Ile
100 105 110

Lys Phe Leu Pro Phe Lys Val Val Glu Lys Lys Thr Lys Pro Tyr Ile
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130 135 140

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180 185 190

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Arg Gly Cys Trp Arg Asp Ser Thr Ala Trp His Val Ser Tyr Pro Val
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Glu Cys Leu Ala
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<211> 20
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<220>
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<400> 105

Asn Arg Cys Met Pro Gly Phe Leu Asp Asp Ala Asp Ser Ala Ala Ser
1 5 10 15

Pro Cys Gly Ser
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<210> 106
<211> 20
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<400> 106

Asn Gln Cys Ser Ser Leu Leu Thr Tyr Gln Gly Trp Lys Arg Thr Lys
1 5 10 15

Asp Cys Ile Pro
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<210> 107
<211> 20
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<400> 107

Asn Asp Cys Ser Ala His Ala Gln Pro Gly Trp Asp Glu Val Pro Pro
1 5 10 15

Met Cys Asn Gln
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1 5 10 15

Trp Cys Arg Ala
20

<210> 109
<211> 20
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<400> 109

Thr Thr Cys Asn Lys Ser Met Ser Ser Gln Pro Met Arg Asp Ser Arg
1 5 10 15

Glu Cys His Arg
20

<210> 110
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<220>
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Thr Ser Cys Val Arg Thr Gly His Asp Glu Asn Leu Leu Lys Ala Ala
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Tyr Cys Ser Ser
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Thr Glu Cys Arg Gly Ala Ser Ser Gly Ser Val Ser Gly Ala Ala Thr
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Asp Cys Arg Asp
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<210> 112
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<212> PRT
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<400> 112

Thr Leu Cys Pro Pro Ala Ser Met Gly Leu Gly Arg Glu Lys Pro Arg
1 5 10 15

Leu Cys Ser Val
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<210> 113
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<212> PRT
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<220>
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<400> 113

Thr Leu Cys Arg Ser Leu Glu His Glu Val Gly Leu Phe Lys Pro Arg
1 5 10 15

Glu Cys Pro Phe
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<210> 114
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<400> 114

Leu Arg Cys Pro Leu Glu Val Asp Arg Pro Asn Arg Asp Pro Ala Phe
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Leu Cys Ser Gln

20

<210> 115
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<400> 115

Leu Gly Cys Asn Lys Gly Arg Tyr Trp Leu Ser Thr Arg Leu Ser Val
1 5 10 15

Ser Cys Ala Leu
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<210> 116
<211> 20
<212> PRT
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<220>
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<400> 116

Val Ala Cys Asp Ile Ser Ala Val Glu Arg Leu Pro Ala Ser Ala Arg
1 5 10 15

Ser Cys Lys Thr
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<210> 117
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<400> 117

Val Val Cys Phe Met Glu Arg Gln Met Gly Thr Asp Val Val Ser Pro
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Met Cys Val Asn
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<210> 118
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<400> 118

Val Glu Cys Val Met Ala Ser Ala Ser Thr Asp Gly Thr Ala Ala His
1 5 10 15

Pro Cys Lys Pro
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<210> 119
<211> 20
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<400> 119

Val Arg Cys Asn Glu Ala Gln Leu Gln Asp Ser Gly Thr Val Pro His
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Pro Cys Leu Arg
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<400> 120

Pro Asn Cys Asp Leu Asp Asp Ile Val Leu Asn Pro Tyr Thr Ala Gly
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Pro Cys Gly Thr
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<400> 121

Pro Asn Cys Tyr Ser Gly Asp Gly Glu Ile Ser Ser His Ile Pro Val
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Gln Cys Leu Met
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Pro Gly Cys Val Val Ser Pro Phe Ala Leu Ser Ala Gln Gly Thr Ser
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Val Cys Thr Ile
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<211> 20
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Gly Asp Cys Glu Thr Asn Asn Val Thr Lys Val Gly Gly Ile Thr Arg
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Asn Cys Val Gly
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<400> 124

Gly Tyr Cys Leu Thr Val Val Gly Gly Ala Val Leu Thr Ile Ala Leu
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Leu Cys Val Thr
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<210> 125
<211> 20
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Gly Pro Cys Ala Ala Thr Gly Val Asn Pro Gly Asp His Gly Ala Ala
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Val Cys Asp Gln
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<210> 126
<211> 20
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<220>
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<400> 126

Gly Asp Cys Glu Thr Asn Asn Val Thr Lys Val Gly Gly Ile Thr Arg
1 5 10 15

Asn Cys Val Gly
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<210> 127
<211> 20
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<400> 127

Lys Ser Cys Gly Lys Tyr Gly Leu Ile Val Gly Gln Pro Phe Ala Glu
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His Cys Pro Pro
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<210> 128
<211> 20
<212> PRT
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<220>
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<400> 128

Lys Leu Cys Tyr Arg Ser Ser Ala Gly Ser Glu Leu Arg Pro Pro Glu
1 5 10 15

Lys Cys Ala Tyr
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<210> 129
<211> 20
<212> PRT
<213> Artificial

<220>
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<400> 129

Lys Ile Cys Pro Val Thr Asn Met Trp Thr Thr Pro Ser Trp Ala His
1 5 10 15

Lys Cys Gly Met
20

<210> 130
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aggctcgagg atcctcggcc gacggggct 29

<210> 131
<211> 27
<212> DNA
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<220>
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<400> 131

aggtctagaa ttcgccccag cggcccc 27

<210> 132
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<400> 132

Cys Val Pro Glu Leu Gly His Glu Cys
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